

CLAIMS

I claim:

- 1        1. A personal marine winterizing system, comprising:
  - 2            a portable reservoir having:
    - 3            a front end wall having a handle thereon;
    - 4            opposing side walls;
    - 5            a rear end wall;
    - 6            a bottom wall; and
  - 7            said front end wall and said side walls forming an upper lip;
  - 8            a rearward opening, hood-like splash guard mounted on said reservoir extending upward from said rear end wall and rear portions of said portable reservoir; and
  - 9            an antifreeze solution circulating system mounted on said rear end wall and extending rearward from said end wall and said splash guard, said circulating system having a high pressure pump having an inlet and an outlet, a solution pickup extending through said end wall to said bottom wall so as to allow suction of said solution into said high pressure pump, and a high

18 pressure fluid application supply hose fluidly connected with the  
19 outlet of said high pressure pump for supplying high pressure  
20 fluid to one of a marine engine and a boat fresh or marine water  
21 system.

1       2. The winterizing system of claim 1, wherein said  
2 reservoir is generally rectangular in shape, and has rear wheels  
3 mounted thereon on opposing sides of said reservoir and extending  
4 below said bottom wall for supporting said reservoir for movement  
5 of said system to a location for winterizing a boat.

1       3. The winterizing system of claim 2, wherein said  
2 reservoir has swivel wheels mounted thereon on opposing sides of  
3 said reservoir and extending below said bottom wall for  
4 supporting said reservoir for swivelable movement, allowing ease  
5 in location of said winterizing system relative to a boat stern  
6 or other portion.

1       4. The winterizing system of claim 1, wherein said rear  
2 wall includes a generally horizontal support wall extending  
3 rearward from said rear end wall and located so as to provide  
4 physical support for said circulating system.

1       5. The winterizing system of claim 4, wherein said  
2 circulating system includes a high pressure control valve fluidly  
3 connected with the outlet of said high pressure pump, said valve  
4 being connected with said fluid supply hose for controlling fluid  
5 flow between said pump and said fluid supply hose.

1       6. The winterizing system of claim 5, said horizontal  
2 support wall having a vertical valve support wall extending  
3 upward therefrom for supporting said high pressure control valve  
4 relative to said high pressure hose and said reservoir end wall.

1       7. The winterizing system of claim 6, said high pressure  
2 control valve being a faucet-like valve having a threaded or snap  
3 connect outlet, said supply hose being connected with said supply  
4 hose by a mating threaded connection or snap connect/disconnect  
5 fitting.

1       8. The winterizing system of claim 6, said circulating  
2 system having a strainer fluidly connected between said solution  
3 pickup and said high pressure pump inlet.

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1       9. The winterizing system of claim 8, wherein said strainer  
2 is mounted to said circulating system support wall.

1       10. The winterizing system of claim 9, wherein said  
2 strainer is fluidly connected with said solution pickup by a  
3 through-wall fitting and a supply line.

1       11. The winterizing system of claim 10, wherein said  
2 solution pickup is a suction supply hose connected with said  
3 through-wall fitting by an elbow fitting.

1       12. The winterizing system of claim 9, further comprising a  
2 connecting hose connected between said strainer and said pump  
3 inlet by an inlet hose and a high pressure outlet hose connected  
4 between said pump outlet and said high pressure control valve.

1       13. The winterizing system of claim 1, further comprising  
2 an "ear muff" type connection connected with said fluid supply  
3 hose for fluid connection with a cooling water opening in the  
4 outdrive of an inboard/outboard boat propulsion system for  
5 flushing said outdrive and the connected marine engine with  
6 flushing solution such as antifreeze solution.

1       14. The winterizing system of claim 1, further comprising  
2 an "ear muff" type connection connected with said fluid  
3 application supply hose for fluid connection with a cooling water  
4 opening in the drive portion of an outboard boat engine.

1       15. The winterizing system of claim 1, further comprising a  
2 control valve connected with said fluid application supply hose  
3 for fluid connection with a supply connector for connection with  
4 a marine engine cooling system or a boat fresh or marine water  
5 system.

1       16. The winterizing system of claim 15, wherein said  
2 control valve is a garden-type trigger spray valve.

1       17. The winterizing system of claim 15, further comprising  
2 a fluid return hose for connection with a marine engine or a boat  
3 fresh or marine boat water system for returning flushing fluid  
4 supplied by said high pressure application supply hose from said  
5 marine engine or boat water system to said reservoir, thus saving  
6 winterizing fluid for recirculation into said circulation system.